NuTone®

INSTALLATION INSTRUCTIONS
READ & SAVE THESE INSTRUCTIONS!

Deluxe Fluorescent Heat-A-Ventlite

MODEL: 9093FWH

IMPORTANT: DO NOT MOUNT OVER TUB OR IN SHOWER STALL ENCLOSURE.

INSTALLATION PRECAUTIONS

NOTE: Cutout dimensions 13¼" diameter.

1. Observe all requirements in these instructions and all markings appearing on the unit.
2. Check all operations of the unit after installation has been completed.
3. **The housing must be grounded and the installed wiring must comply with all local electrical codes.**
4. The flange of the rough-in housing MUST be flush with the finished plaster or drywall surface to assure proper and safe operation.
5. If plaster material, paint base, or paint is sprayed on the walls or ceiling, the inside of the housing must be masked off to prevent this material from entering the housing.
6. The switch (furnished) should be used and wired in accordance with the wiring diagram.

INSTALLATION PREPARATION

1. Remove complete assembly from carton. Loosen screws holding grille and remove the grille.
2. Loosen power unit mounting screws and remove power unit from rough-in housing.
3. Remove tape from back draft damper and be certain the damper opens and closes freely.

MOUNTING TO OPEN JOISTS

Refer to Figure 1.

1. Insert hanger bar on mounting bracket opposite discharge opening and mount rough-in housing to ceiling joists at desired location.
2. Install mounting brackets into slots in housing and adjust housing so flange will be flush to proposed finished ceiling line. Tighten screws securely.
3. Attach 4" round duct and vent to outside through wall or ceiling.
4. Remove junction box cover and desired knockout from junction box in housing.

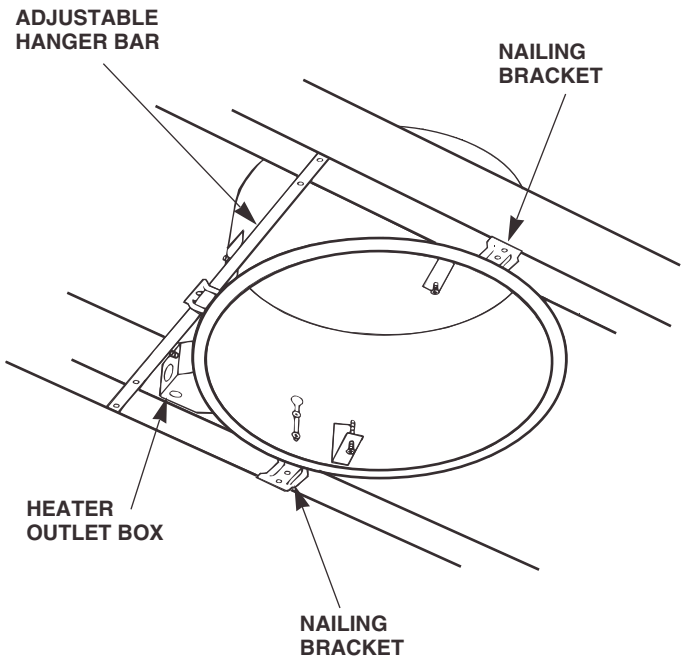

FIGURE 1

WIRING

1. **Refer to Figure 2.** Run five (5) wires and ground of 12 gauge from heater's junction box to wall switch.
2. The switch installs in a double-gang outlet box. When a thermostat or timer is used, connect at point marked “T”.
3. Replace junction box cover in heater housing when wiring is complete.

COMPLETING INSTALLATION

1. **Refer to Figure 3.** Insert hooked hinge on power unit to hanger bracket in rough-in housing.
2. Swing fan and heater unit into place over mounting bracket screws and tighten securely.
3. Plug in fan and heater assembly to receptacle in junction box cover.
4. **Refer to Figure 4.** Install 26W fluorescent lamp (NEMA type CFM26W/GX24D/827) into socket. (Lamp not provided)
5. Mount grille and lens assembly over mounting screws in housing. Tighten securely.

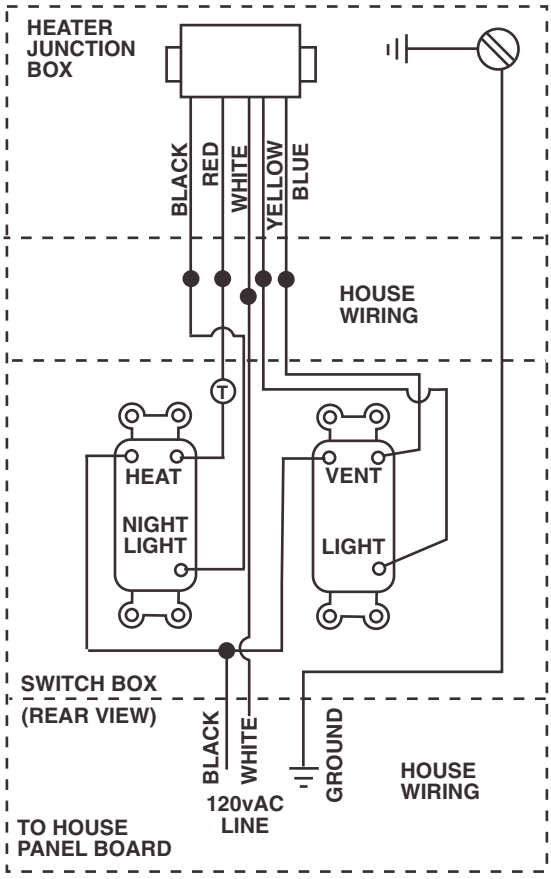

FIGURE 2

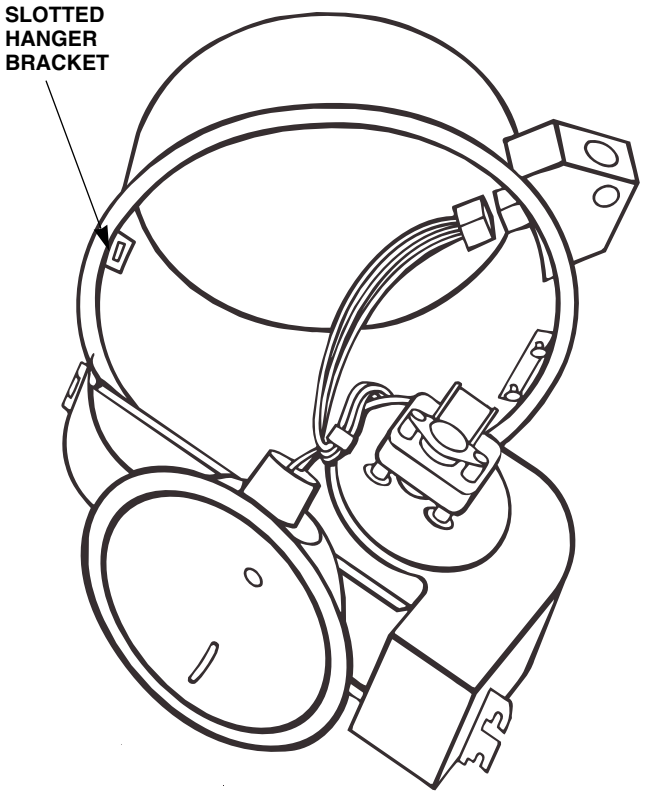

FIGURE 3

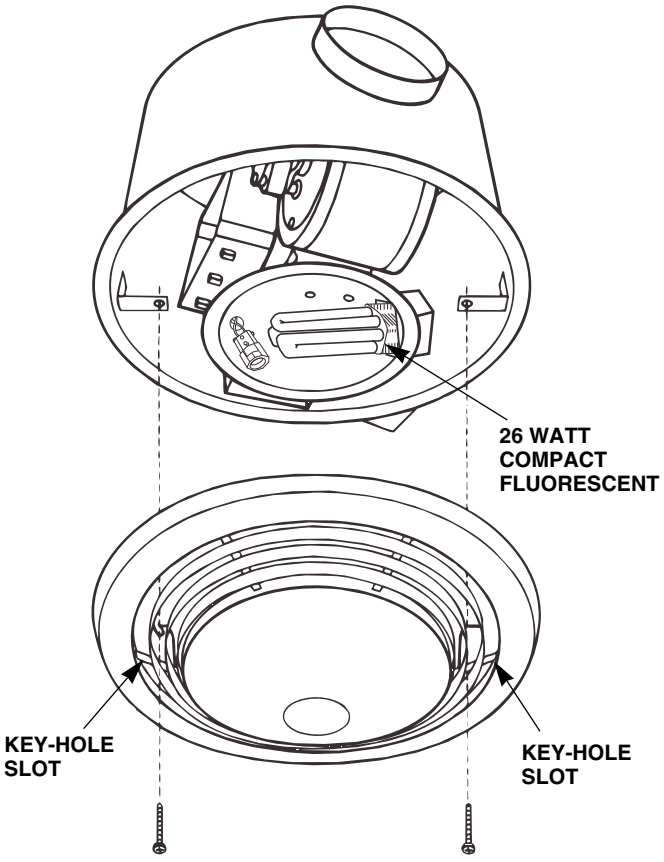

FIGURE 4

INSTALLATION IN EXISTING CONSTRUCTION

1. Review “WIRING” section of these instructions.
2. Drill a small hole in ceiling in proposed location (locate this hole in attic or crawl space).
3. In attic, mark ceiling for cutout by using the housing as a template. Mark around outside of plaster flange. Make cutout along this line.
4. Connect wires from switch to heater before mounting the housing.
5. Install a header between ceiling joists and nail housing to one joist and header.
   NOTE: The two (2) hanger bars (separate pieces) and two mounting brackets (on the housing) are not needed for this type of installation.
6. Install ductwork.
7. Install power unit, light bulbs and grille/lens assembly. Refer to “COMPLETING INSTALLATION”.

NOTE: Please refer to your NuTone catalog for a complete listing of optional accessory items.

NuTone®

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Date of Installation Builder or Installer

Model No. and Product Description

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Please be prepared to provide:
Product model number • Date and Proof of purchase • The nature of the difficulty
Residents of Alaska or Hawaii should write to: NuTone Inc. Attn: Department of National Field Service, 4820 Red Bank Road, Cincinnati Ohio 45227-1599.
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Product specifications subject to change without notice.

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